

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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 SUBJECT Production Plan SMV Schwechat Refinery

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Attached as Annex I to this report is the overall production plan for the fourth quarter of 1953 of the SMV Schwechat Refinery. Annex II contains the processing plans for the various plants of the Schwechat Refinery.

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Annex II - 1

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Schwechat Refinery Processing Plan, Fourth Quarter 1953
Atmospheric and Vacuum Plant (Atmospheric Section)

To be processed: 86 days x 1,000 tons/day ... 86,000 tons

			October (31) 31,000	November (24) 24,000	December (31) 31,000
Crude Oil (Aderklaa)	86,000	100%			
<u>Yield:</u>					
Gasoline	21,500	25%	7,750	6,000	7,750
Kerosene	15,420	18%	5,580	4,320	5,580
Diesel Fuel	24,940	29%	8,990	6,960	8,990
	61,920	72%	22,320	17,280	22,320
Mazout	22,897	26.4%	8,523	6,391	8,523
Waste	1,183	1.6%	427	329	427
	86,000	100%	31,000	24,000	31,000

Consumption:

Fuel Oil	28 kg/ton
Steam	90 kg/ton
Water	35 m3/ton
Current	1.0 kw

All figures are in metric tons, unless otherwise indicated.

Atmospheric Distillation Plant

To be processed: 86 days x 450 tons/day ... 38,700

			October (25) 6,650	November (30) 9,100	December (31) 8,650
Crude Oil	24,400	100%			
<u>Yield: Crude Oil (Matzen):</u>					
Gasoline	976	4%	266	364	346
Kerosene	3,904	16%	1,064	1,456	1,384
Diesel Fuel	5,124	21%	1,397	1,911	1,816
	10,004	41%	2,727	3,731	3,546
Mazout	14,152	58%	3,857	5,278	5,017
Waste	244	1%	66	91	87
	24,000	100%	6,650	9,100	8,650
Crude Oil	14,300	100%	4,600	4,300	5,400

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			October (25)	November (30)	December (31)
<u>Yield: Crude Oil (Aderkääa)</u>					
Gasoline	2,512	17.5%	808	755	949
Kerosene	2,160	15%	695	650	815
Diesel Fuel	4,400	33%	1,415	1,322	1,663
	9,072	63.5%	2,918	2,727	3,427
Mazout	4,942	34.5%	1,590	1,486	1,866
Waste	286	2%	92	87	107
	14,300	100%	4,600	4,300	5,400

Consumption:

Fuel Oil	45 kg/ton
Steam	300 kg/ton
Water	60 kg/ton
Current	0.8 kw

Cracking Plant (Kerosene)

To be processed: 52 days x 513.5 tons/day ... 26,600 tons

			October (26)	November (26)	December (26)
Crude Petroleum	26,600	100%	---	13,300	13,300
<u>Yield:</u>					
Gasoline	1,596	6%	---	798	798
Kerosene	3,192	12%	---	1,596	1,596
Diesel Fuel	6,000	32.5%	---	3,000	3,000
	10,788	40.5%	---	5,394	5,394
Mazout	13,477	58.2%	---	7,739	7,739
Waste	335	1.3%	---	167	167
	26,600	100%	---	13,300	13,300

Consumption:

Fuel Oil	57 kg/ton
Steam	420 kg/ton
Water	6.9 m ³ /ton
Current	2.0 kw

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			<u>October</u>	<u>November</u> (26)	<u>December</u> (26)
<u>Cracking Plant (Spaltseite)</u>					
To be processed: 52 days x 278 tons/day ... 14,400					
Mazout	14,400	100%			
<u>Yield:</u>					
Cracked Gasoline (Crude)	4,474	31%		2,237	2,237
Residue (Spaltrueckstand)	6,510	45%		3,255	3,255
Gas	2,840	20%		1,420	1,420
Waste	576	4%		288	288
	14,400	100%		7,200	7,200

Treibstoff Refinery (Fuel)

To be processed: 52 days x 86 tons/day ... 4,474

			<u>October</u>	<u>November</u>	<u>December</u>
Cracked Gasoline (Crude)	4,474	100%		2,237	2,237
<u>Yield:</u>					
Cracked Gasoline (Refined)	4,385	98%		2,192	2,192
Waste	89	2%		45	45
	4,474	100%		2,237	2,237

Consumption:

Steam 130 kg/ton
Water 1.0 m³/ton
Current 10.0 kw

Re-Run Distillation

To be processed: 52 days x 83 tons/day ... 4,384 tons

			<u>October</u>	<u>November</u>	<u>December</u>
Cracked Gasoline (Refined)	4,385	100%		2,193	2,192
<u>Yield:</u>					
Cracked Gasoline	3,727	85%		1,864	1,863
Residue	570	13%		285	285
Waste	88	2%		44	44
	4,385	100%		2,193	2,192

Consumption: Steam 550 kg/ton Water 8.0 m³/ton Current 3.5 kw
All figures are in metric tons, unless otherwise indicated.

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Vacuum PlantTo be processed in October (30): To be processed: November (25) December (31)

Mazout	3,750	100%	Grude oil	4,575	100%	5,450	100%
				10,025			
<u>Yield:</u>			<u>Yield:</u>				
Diesel Fuel	263	7%	Gasoline	458	10%	545	10%
Spindle Oil	222	5.9%	Kerosene	459	12%	654	12%
Distilled Machine Oil (I)	1,125	30%	Diesel Fuel	<u>1,144</u>	<u>25%</u>	<u>1,362</u>	<u>25%</u>
Distilled Machine Oil (II)	638	17%		2,151	47%	2,561	47%
Cylinder Oil	188	5%	Mazout	2,337	51.5%	2,806	51.5%
Bitumen	1,255	33.5%	Waste	<u>87</u>	<u>1.5%</u>	<u>83</u>	<u>1.5%</u>
Waste	<u>59</u>	<u>1.6%</u>		4,575	100%	5,450	100%
	3,750	100%					

Consumption: Fuel Oil 23 kg/ton Steam 410 kg/ton Current 0.5 kw

Water 11 m³/tonLubricants (Schmieroel) Refinery

<u>Processed:</u>			<u>October</u>		<u>November</u>		<u>December</u>
Distilled Machine Oil (I)	1,662	100%	462	100%	600	100%	600
<u>Yield:</u>							
Refined Machine Oil (I)	1,492	90%	412	90%	540	90%	540
Waste	<u>170</u>	<u>10%</u>	<u>50</u>	<u>10%</u>	<u>60</u>	<u>10%</u>	<u>60</u>
	1,662	100%	462	100%	600	100%	600

<u>Processed:</u>			<u>October</u>		<u>November</u>		<u>December</u>
Distilled Machine Oil (II)	1,738	100%	600	100%	600	100%	600
<u>Yield:</u>							
Motor Oil	1,394	80%	480	80%	484	80%	484
Waste	<u>346</u>	<u>20%</u>	<u>120</u>	<u>20%</u>	<u>116</u>	<u>20%</u>	<u>116</u>
	1,738	100%	600	100%	600	100%	600

Consumption:Steam 2,500 kg/ton Water 7 m³/ton Current 90 kw

All figures are in metric tons, unless otherwise indicated.

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Annex II - 5

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Asphalt - OxidationOctober (29) November (28) December (29)

Bitumen 30-40	2,687	100%	900	887	900
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Yield:

Bitumen	2,526	94%	846	834	846
Asphalt distillate	121	4.5%	41	40	40
Waste	<u>40</u>	<u>1.5%</u>	<u>13</u>	<u>13</u>	<u>14</u>
	2,687		900		900

Consumption:

Steam	2,500 kg/ton
Water	7 m ³ /ton
Current	9.0 kw

All figures are in metric tons, unless otherwise indicated.

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